

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q92551

Roberto CAPUTO, et al.

Appln. No.: 10/563,873

Group Art Unit: 2871

Confirmation No.: 1949

Examiner: Unknown

Filed: May 26, 2006

For: HOLOGRAPHIC DIFFRACTION GRATING, PROCESS FOR ITS PREPARATION
AND OPTO-ELECTRONIC DEVICES INCORPORATING IT

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

ATTN: Office of Initial Patent Examination

Filing Receipt Correction

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and
request the following corrections:

Assignment for Published Patent Application

Consiglio Nazionale Delle Ricerche-INFN Istituto Nazionale Per La Fisica Della

Materia

Title

~~Holographic diffraction grating, process for its preparation and opto-electronic devices
incorporating it~~

Holographic diffraction grating, process for its preparation and electro-optical devices
including the same

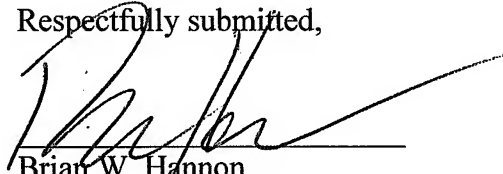
REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

US Application No. 10/563,873

Q92551

Verification for the requested corrections is indicated on the Declaration and Power of Attorney for Utility or Design Patent Application and Assignment filed March 30, 2006.

Respectfully submitted,



Brian W. Hannon
Registration No. 32,778

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: November 17, 2006



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/563,873	05/26/2006	2871	965	Q92551	2	12	2

CONFIRMATION NO. 1949

23373

SUGHRUE MION, PLLC
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WASHINGTON, DC 20037

FILING RECEIPT



OC000000020841276

Date Mailed: 10/16/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Robert Caputo, Rende (Cosenza), ITALY;
Cesare Umeton, Rende, ITALY;
Alessandro Veltri, Cosenza, ITALY;
Audrey Sukhov, Moscow, RUSSIAN FEDERATION;
Nelson Tabiryan, Winter Park, FL;

Assignment for Published Patent Application Consiglio Nazionale Delle Ricerche-INFM Istituto Nazionale Per La Fisica Della Materia

Power of Attorney: The patent practitioners associated with Customer Number **23373**.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/IB04/51174 07/08/2004

Foreign Applications

ITALY TO2003A000530 07/09/2003

If Required, Foreign Filing License Granted: 10/13/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/563,873**

Projected Publication Date: 01/25/2007

Non-Publication Request: No

Early Publication Request: No

Title

Holographic diffraction grating, process for its preparation and opto-electronic devices incorporating it

Holographic diffraction grating, process for its preparation and electro-optical devices including the same

Preliminary Class

349

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted

under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

ASSIGNMENT

Whereas, We, Roberto CAPUTO (Italian citizen), Cesare UMETON (Italian citizen), Alessandro VELTRI (Italian citizen), Audrey SUKHOV (Russian citizen) and Nelson TABIRYAN (Armenian citizen) residing respectively at: Via Parigi 21, I-87036 RENDE (Cosenza) Italy; Via Tevere 68, I-87036 RENDE (Cosenza) Italy; Via P. Borsellino - Fabbricato S.E.M., s.n., I-87100 COSENZA (Italy); Pr. Karamzina 9 - Apt. 60, 117463 MOSCOW (Russian Federation) and 809 South Orlando Avenue - Suite I, WINTER PARK, Florida 32789 U.S.A.

have invented a certain improvement in "Holographic diffraction grating, process for its preparation and electro-optical devices including the same"

for which We have executed an application for Letters Patent of the United States herewith and whereas

CONSIGLIO NAZIONALE DELLE RICERCHE - INFM ISTITUTO NAZIONALE PER LA FISICA DELLA MATERIA

Corso F. Perrone 24

I-16152 GENOVA (Italy)

is desirous of acquiring an interest therein.

Now, therefore in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, We, Roberto CAPUTO, Cesare UMETON, Alessandro VELTRI, Audrey SUKHOV and Nelson TABIRYAN

by these presents do sell, assign and transfer unto the said CONSIGLIO NAZIONALE DELLE RICERCHE - INFM ISTITUTO NAZIONALE PER LA FISICA DELLA MATERIA

the full and exclusive right to the said invention, as described in the specification executed by us of even date herewith preparatory to obtaining Letters Patent in the United States therefor; and hereby request the Commissioner of Patents to issue said Letters Patent to CONSIGLIO NAZIONALE DELLE RICERCHE - INFM ISTITUTO NAZIONALE PER LA FISICA DELLA MATERIA

as the assignee, for its interest, for the sole use and behoof of said CONSIGLIO NAZIONALE DELLE RICERCHE - INFM ISTITUTO NAZIONALE PER LA FISICA DELLA MATERIA and its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

We hereby authorize and request the law firm of SUGHRUE MION, PLLC (USPTO Customer Number 23373) the power to insert on this Assignment any further identification (such as

series code along with U.S. Serial Number /Patent Number) which may
be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark
Office for recordation of this document.

Executed this 30th day of March

2006

Sergio Vivare

[Signature]

Roberto Caputo

Roberto CAPUTO

[Signature]

Cesare UMETON

[Signature]

Alessandro VELTRI

[Signature]

Audrey SUKHOV

[Signature]

Nelson TABIRYAN

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"Holographic diffraction grating, process for its preparation and electro-optical devices including the same"

the application of which

☐ is attached hereto

OR

☒ was filed on July 8, 2004 as United States Application Number or PCT International Application Number PCT/IB2004/051174 (Confirmation No. _____), and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)

Country

Filing Date

Priority Claimed

Yes

No

TO2003A000530

Italy

July 9, 2003

☒

☐

I hereby claim benefit under 35 United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)

Filing Date

I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)

U.S. or International Filing Date

Status

I hereby appoint all attorneys of **SUGHRUE MION, PLLC** who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

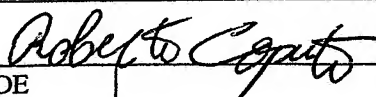
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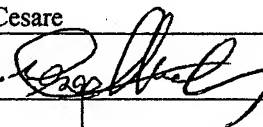
CUSTOMER NUMBER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

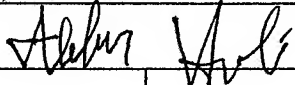
NAME OF SOLE OR FIRST INVENTOR:

Given Name (first and middle [if any]) Roberto		Family Name or Surname CAPUTO	
Inventor's Signature 		Date March 30, 2006	
Residence: City RENDE (Cosenza)	State	Country Italy	Citizenship Italian
Mailing Address: Via Parigi 21			
City RENDE (Cosenza)	State	Zip I-87036	Country Italy

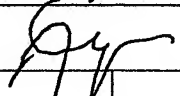
NAME OF SECOND INVENTOR:

Given Name (first and middle [if any]) Cesare		Family Name or Surname UMETON	
Inventor's Signature 		Date March 30, 2006	
Residence: City RENDE (Cosenza)	State	Country Italy	Citizenship Italian
Mailing Address: Via Tevere 68			
City RENDE (Cosenza)	State	Zip I-87036	Country Italy

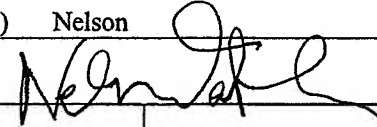
NAME OF THIRD INVENTOR:

Given Name (first and middle [if any]) Alessandro		Family Name or Surname VELTRI	
Inventor's Signature 		Date March 30, 2006	
Residence: City COSENZA	State	Country Italy	Citizenship Italian
Mailing Address: Via P. Borsellino - Fabbicato S.E.M., s.n.			
City COSENZA	State	Zip I-87100	Country Italy

NAME OF FOURTH INVENTOR:

Given Name (first and middle [if any]) Audrey		Family Name or Surname SUKHOV	
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Residence: City MOSCOW	State	Country Russian Federation	Citizenship Russian
Mailing Address: Pr. Karamzina 9 - Apt. 60			
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NAME OF FIFTH INVENTOR:

Given Name (first and middle [if any]) Nelson		Family Name or Surname TABIRYAN	
Inventor's Signature 		Date March 30, 2006	
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Mailing Address: 809 South Orlando Avenue - Suite I			
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